

ANTIMICROBIAL PAPER AND PACKAGING MATERIAL

Patent number: JP11222796
Publication date: 1999-08-17
Inventor: KANO FUMIHISA
Applicant: TOYO INK MFG CO LTD
Classification:
- international: D21H21/36; A01N59/06; B65D81/28; D21H19/10
- european:
Application number: JP19980020747 19980202
Priority number(s):

Abstract of JP11222796

PROBLEM TO BE SOLVED: To obtain an antimicrobial paper and a packaging material capable of inhibiting proliferation of bacteria and retaining freshness of food raw material, or the like.

SOLUTION: This antimicrobial paper comprises a calcium oxide type backed material obtained by baking seashell or a calcium hydroxide type baked material which is its hydrate. the antimicrobial paper is obtained by paper making calcium (hydr)oxide type baked material into pulp or impregnating a coating solution containing calcium oxide type baked material or calcium hydroxide type baked material which is its hydrate into paper or applying the coating solution to paper. The packaging material is obtained by using the antimicrobial paper. The seashell includes a seashell of oyster, scallop, hard clam, turban shell, abalone or blue mussel.

Data supplied from the esp@cenet database - Patent Abstracts of Japan

27. Antibacterial paper for food packaging

CAS SECTION- 143

CAS SUBSECTION- 007

CAS 131-12 131-159075 131:159075 NDN- 127-0331-1428-0

INVENTOR(S)- Kano, Fumihisa

1999-08-17

4 page(s)

PATENT NUMBER- 99222796

PATENT APPLICATION NUMBER- 1998-20747/A2

DATE FILED- 1998-02-02

DOCUMENT TYPE- Patent; Primary Pub. Type - Patent

CODEN- JKXXAF

CORPORATE AUTHOR- JP, Japan

COUNTRY- JP

PATENT TYPE- Jpn. Kokai Tokkyo Koho

PATENT ASSIGNEE(S)- Toyo Ink Mfg. Co., Ltd.

**INTERNATIONAL PATENT CLASS- D21H0213600; A01N0590600; B65D0812800;
D21H0191000**

SUBFILE CODE- MAC

LANGUAGE- Japan

Copyright 2002 by American Chemical Society

NO-ABSTRACT

IDENTIFIER(S)- calcium oxide antibacterial paper food packaging; shell baking calcium oxide antibacterial paper

CAS REGISTRY/EC NUMBER(S)- 1305-62-0 HEADING PARENT- Calcium hydroxide

CAS REGISTRY/EC NUMBER(S)- 1305-78-8 HEADING PARENT- Calcium oxide